



-Completed-

 Number:
MSDS-02-000021

Date Created: 07/28/2005

Created By: Jeri Sunisloe/Corporate/Brasscraft

Type: MSDS

{*} Plant Location: 02-Nov

Department: Engineering

Review Date: 07/31/2005

{*} Required MSDS Use: Product

Approval and Distribution Information

Approver: Jeri Sunisloe/Corporate/Brasscraft

Online Distribution List

Effective Date: 07/28/2005

Offline Distribution List

Section 1 - General Information

{*} Item ID: PS2970, PSC2970, SF0577, PS2960 (Canada only)

Item Description: Silicone Grease

 {*} Emergency Telephone Number: Infotrac
-1-800-535-5053

{*} Date Prepared: 1/1/05

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components	CAS #	Approx. %	ACGIH-TLV	OSHA-PEL
Silicone Dioxide (amorphous)	68611-44-9	5-10	5mg/m3 respirable dust	20 MPPCF respirable dust

Instructions : Title III Section 313 Supplier Notification: This product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning And Community Right-to-Know Act of 1966 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.

Special Hazard Designations

HMIS - Health : 1

HMIS - Flammability : 1

HMIS - Reactivity : 0

HMIS - Protective Equipment : B

NFPA - Health : 1

NFPA - Flammability : 1

NFPA - Reactivity : 0

NFPA - Protective Equipment :

Instructions : Use the following Hazard Rating Table to fill in the above special hazard designations :
Hazard Rating: 0-Minimal; 1-Slight; 2-Moderate; 3-Serious; 4-Severe

Shipping Information

Shipping Information : Not hazardous for shipping purposes

Section 3 - Physical/Chemical Data

Appearance : Opaque white gel

Boiling Point : Not determined

Odor : Mild odor

Specific Gravity (H2O=1) : 1.00 @ 60 F

Vapor Pressure (MM HG.) : >1 @ 20 C
 Vapor Density (Air =1) : not determined
 Solubility in Water : Insoluble

Volatile by Volume (%) : N/A
 Evaporation Rate (BUAC=1) : Nil

Section 4 - Reactivity Data

Stability : Stable
 Conditions to Avoid : None

Hazardous Polymerization : Will Not Occur
 Incompatibility (Materials to Avoid) : Strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

Hazardous Decomposition or By-Products : Oxides of carbon

Conditions to Avoid : N/A

Section 5 - Fire & Explosion Data

Flashpoint (Method Used) : 450 F COC, Lowest Oil
 Fire Extinguishing Media : Use water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures. Minimize breathing gasses, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces, or as otherwise needed.

LEL Limits : 0.9
 UEL Limits : 7.0

Special Fire Fighting Procedures : Self-contained breathing equipment and chemical resistant clothing recommended

Unusual Fire & Explosion Hazard : Pressure will increase in over-heated, closed container.

Section 6 - Health Hazard Data

PRIMARY ROUTES OF ENTRY :

Inhalation : X
 Eye Contact : X

Skin Contact : X
 Ingestion : X

CARCINOGENICITY :

NPT :

IARC Monographs :

OSHA Regulated :

Effect of Over-Exposure (Acute & Chronic) : May cause irritation upon contact with the eyes.

Signs & Symptoms of Exposure : None

Medical Conditions Aggravated by Exposure : None

EMERGENCY & FIRST-AID PROCEDURES :

Inhalation : If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing irregular or has stopped, start resuscitation; administer oxygen, if available.

Skin Contact : In case of contact, remove any contaminated clothing and wash the skin thoroughly with soap and water.

Eye Contact : If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If the irritation persists, call a physician.

Ingestion : Do not induce vomiting - call physician immediately.

Section 7 - Precautions for Safe Handling & Use

Steps to be taken in case material is released or spilled :

Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable governmental regulations.

Waste Disposal Method : Spilled material, unused contents and empty containers must be disposed of in accordance with Local, State and Federal regulations.

Precautions in Handling & Storage : Do not store or mix with strong oxidizers. Keep out of eyes.

Other Precautions : Always wash hands well before touching face or eating.

Section 8 - Control Measures

General :

Respiratory Protection : : Not normally required
Skin Protection : : Chemical-resistant gloves

Eye Protection : : Use splash goggles or face shield

Hand Protection : : chemical resistant gloves
Ventilation - Mechanical : : Not required

Ventilation - Exhaust : : Not required

Ventilation - Special : : N/A
Work/Hygenic Practices : N/A

Ventilation - Other : : N/A
Other Protective Clothing or Equipment : Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

General :

General :

Section 9 - Regulatory Information & US Federal Regulations

SARA 311 and 312 Hazard Categories

Immediate Health Hazard : ☐ Yes ☐ No

Delayed Health Hazard : ☐ Yes ☐ No

TSCA : ☐ Yes ☐ No

Fire Hazard : ☐ Yes ☐ No

Reactivity : ☐ Yes ☐ No

Sudden Pressure Release : ☐ Yes ☐ No

US Federal Regulations

SARA Section 313 :

Specific Information

VOC :

Canadian Regulations :

International Regulations :

Ozone Depleting :

US State Regulations :

European Regulations :

MITI :

Risk Code

MITI Code 1 :

MITI Code 2 :

Section 10 - Other Information

Recommendations/Restrictions :

Address :

Sources of Key Data used to Compile :

Change Request

Requested By: Jeri Sunisloe/Corporate/Brasscraft **Request Date**: 07/28/2005 10:59 AM

Change in type of grease to silicone - for NSF approved grease - change effective 7/15/05

Revision History

Rev.	Reason for Change	Approved By	Effective
6	Change in type of grease to silicone - for NSF approved grease - change effective 7/15/05	Jeri Sunisloe/Corporate/Brasscraft	07/28/2005
5	add canada part number	Jeri Sunisloe/Corporate/Brasscraft	10/29/2004
4		Jeri Sunisloe/Corporate/Brasscraft	10/28/2004

3	Update MSDS from supplier (1/1/04 version)	Jeri Sunisloe/Corporate/Brasscraft	10/28/2004
2		Jeri Sunisloe/Corporate/Brasscraft	07/23/2004
1		Jeri Sunisloe/Corporate/Brasscraft	07/21/2004

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Activities

Comments:

---> Jeri Sunisloe/Corporate/Brasscraft, 28-Jul-2005, Draft: Company requested change in type of material used -- from plumbers grease to silicone grease. -- Will be keeping both old and new versions of PS2970 on hand (plumbers grease will be obsoleted - but copy will be available by contact engineering administrator)

---> Jeri Sunisloe/Corporate/Brasscraft, 28-Jul-2005, Approval:

Phase	Assigned To	Submitted	Date Due	Completed
Draft	Jeri Sunisloe/Corporate/Brasscraft	07/28/2005	08/01/2005	07/28/2005
Approval	Jeri Sunisloe/Corporate/Brasscraft	07/28/2005	08/02/2005	07/28/2005
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